## JG04 Rac'd PCT/PTO 14 OCT 2005

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)			ATTORNEY'S DOCKET NUMBER P5104R1					
co	NCERNING A SUBMISSION	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)						
	ATIONAL APPLICATION NO. US2004/011793	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
	TITLE OF INVENTION Compositions and Methods Relating to Stop-1							
APPLICANT(S) FOR DO/EO/US Heidi Ackerly, et al.								
	Tieldi Ackerry,		VI IC) the fallencies the second of the seco					
1. <b>X</b>	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
		ubmission of items concerning a submission						
3.	(5), (6), (9) and (21) indicated below.	onal examination procedures (35 U.S.C. 37	1(f)). The submission must include items					
4. X	The US has been elected (Article 31).							
5. <b>X</b>	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))						
	a. is attached hereto (required	only if not communicated by the Internation	al Bureau).					
	b. has been communicated by	the International Bureau.						
_	c. x is not required, as the applic	cation was filed in the United States Receiving	ng Office (RO/US).					
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
	a. is attached hereto.							
	b. has been previously submit							
7. <b>X</b>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto (requir	ed only if not communicated by the Internati	onal Bureau).					
	b. have been communicated by the International Bureau.							
	c. have not been made; howe	ever, the time limit for making such amendm	ents has NOT expired.					
	d. x have not been made and w	vill not be made.						
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
items	Items 11 to 20 below concern document(s) or information included:							
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13.	A preliminary amendment.							
14. 🗷	An Application Data Sheet under 37 CFR 1.76.							
15.	A substitute specification.							
16. 🔲	A power of attorney and/or change of address letter.							
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published Interna	ational Application under 35 U.S.C. 154(d)(4	).					
19.	A second copy of the English language	e translation of the international application u	ınder 35 U.S.C. 154(d)(4).					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## JC09 Rec'd PCT/PTO 14 OCT 2003

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20. Other items or information:  The following fees have been submitted  21. Examination fee (37 CFR 1.492(a))	U.S. APPLICA	TION NO. (if known	ATTORNEY'S DOCKET NUMBER					
The following fees have been submitted  21.								
The following fees have been submitted  21.		10/22	<del>3491</del>	FC1/052004/01179		P3104K1		
21. X Basic national fee (37 CFR 1.492(a))	20. Other items or information:							
21. X Basic national fee (37 CFR 1.492(a))								
21. X Basic national fee (37 CFR 1.492(a))								
21. X Basic national fee (37 CFR 1.492(a))								
21. X Basic national fee (37 CFR 1.492(a))	The fo	llowing fees have t	peen submitted			CALCUL ATIONS	PTO LISE ONLY	
22. K Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	_	_			\$300	\$		
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		. —				300		
All other situations	22. X Exam	mination fee (37 C	FR 1.492(C))					
All other situations	If the written opi	nion prepared by I	\$					
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	All other situation	ons	iaims satisty provi	sions of PC1 Article 33(1)-(4).	\$0 \$200	200		
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1-(4)								
IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	If the written opin	irch tee (37 CFR 1 nion of the ISA/US	.492(b)) or the Internation	al preliminary examination ren	ort prepared by	ļ		
International Searching Authority	IPEAUS	3 indicates all clain	ns satisfy provision	ns of PCT Article 33(1)-(4)	\$0			
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB	Search fee (37 C	CFR 1.445(a)(2)) h onal Searching Au	as been paid on ti ithority	he international application to	the USPTO as an	<b>1</b> *		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  RATE  Total Sheets  Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS  NUMBER FILED  NUMBER EXTRA  RATE  Total claims  104 - 20 = 84	International Sea	arch Report prepar	ed by an ISA other	er than the US and provided to	the Office or			
TOTAL OF 21, 22 and 23 = 900  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof.  Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total claims 104 - 20 = 84 x \$50 \$ 4,200  Independent claims 33 - 3 = 30 x \$200 \$ 6,000  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$ 360  TOTAL OF ABOVE CALCULATIONS = \$11,690  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$12,590  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).	previousl All other situation	y communicated to	the US by the IB	J	\$400 \$500	400		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  RATE  **Total Sheets**  Extra Sheets  Number of each additional 50 or fraction thereof.  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  **Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  **Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  **Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof.  RATE  **Total Claims and or declaration sheet or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  **Total Claims  NUMBER FILED  NUMBER EXTRA  RATE  **Total claims  **104 - 20 = 84	7 al out of oldation							
sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets	Additional fe	e for specification	2 and 23 = and drawings filed	d in paper over 100 sheets (ex	cludina	900		
The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number)  264 - 100 = 154 /50 = 4	sequence	e listing in complia	ance with 37 CFR	1.821(c) or (e) or computer pr	ogram listing in an			
Total Sheets	electroni The fee i	ic medium) (37 CF s <b>\$250</b> for each ac	R 1.492(j)). Iditional 50 sheets	of naner or fraction thereof				
thereof (round up to a whole number)  264 - 100 = 154 /50 = 4 x \$250 \$ 1,000  Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total claims 104 - 20 = 84 x \$50 \$ 4,200  Independent claims 33 - 3 = 30 x \$200 \$ 6,000  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$ 360  TOTAL OF ABOVE CALCULATIONS = \$ 11,690  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 12,590  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						1		
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after the date of commencement of the national stage (37 CFR 1.492(h)).  CLAIMS  NUMBER FILED  NUMBER EXTRA  RATE  Total claims  104 - 20 = 84  x \$ 50  \$ 4,200  Independent claims  33 - 3 = 30  X \$200  MULTIPLE DEPENDENT CLAIM(S) (if applicable)  TOTAL OF ABOVE CALCULATIONS = \$ 11,690  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 12,590  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			l			,,000	1	
CLAIMS NUMBER FILED NUMBER EXTRA RATE  Total claims 104 - 20 = 84	after the date of	commencement of	the national stage	n tee, examination tee, or the o e (37 CFR 1.492(h)).	oath or declaration	\$ 130		
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TOTAL OF ABOVE CALCULATIONS = \$ 11,690  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 12,590  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).    **Total OF ABOVE CALCULATIONS = \$ 11,690  **Total OF ABOVE CALCULATIONS = \$ 11,690  **Total OF ABOVE CALCULATIONS = \$ 12,590  **Total OF ABOVE CALCULATIONS					+ \$360			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  SUBTOTAL = \$ 12,590  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). +								
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TOTAL NATIONAL FEE	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$		
	TOTAL NATIONAL FEE =					\$	12,590	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied	Fee for recording	the enclosed assi	•					
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +	by an appropriate	cover sheet (37 C	9					
TOTAL FEES ENCLOSED = \$ 12,590	TOTAL FEES ENCLOSED =					\$	12,590	
Amount to be refunded:							\$	
Amount to be charged \$	····					Amount to be	\$	

JCO9 Rec'd PCT/PTF0-1390 (fev. 0-2003) 2005.

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a. 🗌		ove fees is enclosed.		
b. 🗶	Please charge my Deposit Account No. <u>07-0630</u> in the amount of A duplicate copy of this sheet is enclosed.	\$ 12,590 to cover the above fees.		
c. 🗶	The Commissioner is hereby authorized to charge any additional fees whaccount No. 07-0630. A duplicate copy of this sheet is enclosed.	nich may be required, or credit any overpayment to Deposit		
d. 🗆	Fees are to be charged to a credit card. WARNING: Information on this be included on this form. Provide credit card information and authorization	form may become public. Credit card information should not tion on PTO-2038.		
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND A	ALL CORRESPONDENCE TO:	12.5C.		
GENENTECH, INC. 1 DNA Way		SIGNATURE Elinor K. Shin		
	n San Francisco, CA 94080-4990	NAME 43,117		
		REGISTRATION NUMBER		